Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1.   (Currently amended) A system to enhance safety of computer file distribution comprising:

     (1) a server computer connected to a computer network;

     (2) one or more electronic records stored in said server computer wherein each record:

          (a) contains information about a particular file, and

          (b) can be retrieved as a web page when a URL containing a hash value computed from said particular file using a one-way hash function is presented to said server computer; and

          (3) at least one user terminal also coupled to the computer network, the user terminal operable to compute the hash value of the particular file using said one-way hash function, and then use a URL containing the hash value to retrieve from said server computer, in a single [[an initial]] authentication communication with said server computer, a web page that contains information about the file.

2.   (Currently amended) A system to enhance safety of computer file distribution comprising:

     (1) a server computer connected to a computer network;

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(2) one or more electronic records stored in said server computer, wherein each record

includes information about a particular file and is indexed by a hash value computed from the

particular file; and

(3) at least one user terminal connected to the computer network, the user terminal

operable to verify the authenticity of a particular file, including

(a) computing the hash value of the particular file; and

(b) retrieving from the server computer a web page that contains information

about the particular file, in a single [[an initial]] authentication communication with said server

computer, including submitting a URL containing the computed hash to the server computer.

3.   (Original) The system of claim 2 wherein the server computer is operable to hash

using a one-way hashing function the particular file and store the hash value in the associated

record.

4.   (Previously Presented) The system of claim 2 wherein the web page includes a

signature produced by an authenticating agent associated with the particular file and wherein the

step of retrieving the web page includes retrieving the signature.

5.   (Original) The system of claim 4 wherein the authenticating agent is the author of

the particular file.

6.   (Previously Presented) The system of claim 2 wherein the web page includes

signature data produced when validating a signature associated with the particular file and

wherein the step of retrieving the web page includes retrieving the signature data.

7.   (Original) The system of claim 2 wherein the particular file is a computer

program.

8.   (Original) The system of claim 2 wherein the particular file is a data file.

9.   (Currently amended) A system to enhance safety of computer file distribution

over a computer network comprising:

a server computer connected to a computer network and accessible by computer network

clients, the server computer including

one or more electronic records wherein each electronic record includes information about

a particular file and is indexed by a hash value computed from the particular file; and

means for responding to client requests for information concerning a first file, in a single

[[an initial]] authentication communication with said server computer, the client requests

including a URL containing a hash value computed from the first file, the means for responding

operable to retrieve an appropriate electronic record associated with the first file and forward the

information as a web page to a requesting client computer.

10.   (Currently amended) A system to enhance safety of computer file distribution

over a computer network comprising:

at least one user terminal connected to a computer network, the user terminal operable to

verify the authenticity of a particular file, including

(a) computing the hash value of the particular file; and

(b) retrieving from a server computer a web page that contains information about the

particular file, in <u>a single</u> [[an initial]] authentication communication with said server computer,

including submitting a URL containing the computed hash to the server computer.

11.   (Previously Presented) The system of claim 10 wherein the user terminal is

operable to display the information to the user terminal operator.

12.   (Currently amended) A method for enhancing safety of computer file distribution

comprising:

(1) storing one or more electronic records in a server computer wherein each electronic

records includes information about a particular file and is indexed by a hash value computed

from the particular file;

(2) identifying a first file for authentication;

(3) computing the hash value of the first file; and

(4) retrieving from the server computer a web page that contains information about the

first file, in <u>a single</u> [[an initial]] authentication communication with said server computer,

including submitting a URL containing the computed hash to the server computer.

13.   (Currently amended) A system, comprising:

a server computer to store one or more electronic records each containing information

associated with one particular file and index the electronic records according to hash values

computed from the associated files; and

a terminal to receive an electronic record associated with a file and make <u>a single</u> [[an

initial]] authentication communication with the server computer, including computing a hash

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value from the file and retrieving an electronic record associated with the file based on the hash

value.

14.   (Previously Presented) A system of claim 13 wherein the hash value is sent to the

server computer in a web request.

15.   (Previously Presented) A system of claim 14 wherein the hash value is embedded

in a URL of the web request.

16.   (Previously Presented) A system of claim 13 wherein the electronic record

contains safety information about the associated file.